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	Complete If Known		
Application Number	09/851,327 /0/656,068		
Filing Date	05/09/2001		
First Named Inventor	Robert J. LEVY et al.		
Group Art Unit	1 645 → (633		
Examiner Name	Unassigned		
Attorney Docket Number	047172-0170		
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	•			U.S. PATENT DOCUMENTS		
	U.S. Patent Document		Document		Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	F Office	oreign Patent D Number	Cocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
57P	A1	WO	01/51092	A2	UNIVERSITY OF WASHINGTON	07/19/2001		
v	A2	WO.	99/34831	A1	UNIVERSITY OF WASHINGTON	07/15/1999		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
		Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number publisher, city and/or country where published.				
SDP	А3	FASBENDER, et al., "Complexes of Adenovirus with Polycationic Polymers and Cationic Lipids Increase the Efficiency of Gene Transfer <i>in Vitro</i> and <i>in Vivo</i> ," <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 10, pp. 6479-6489 (1997), The American Society for Biochemistry and Molecular Biology, Inc., USA				
١	A4	UHLMANN, et al., "Chemical Reviews," Antisense Oligonucleotides: A New Therapeutic Principle, Vol. 90, Number 4, pp. 544-584 (1990), The American Chemical Society, USA	-			
	Ą5	SCHNEIDER, et al., "Building Blocks for Oligonucleotide Analogs with Dimethylene-Sulfide,-Sulfoxide, and - Sulfone Groups Replacing Phosphodiester Link Ages," Tetrahedron Letters, Vol. 31, No. 3, pp. 335-338 (1990), Pergamon Press plc, UK				
	A6	LOW, et al., "Complete amino acid sequence of bovine thymosin β ₄ : A thymic hormone that induces terminal deoxynucleotidyl transferase activity in thymocyte populations," <i>Proc. Natl. Acad. Sci.</i> , Vol. 78, No. 2, pp. 1162-1166, (1981), Immunology, USA				
	A7	SAFER, et al., "Isolation of a 5-kilodalton actin-sequestering peptide from human blood platelets," <i>Proc. Natl. Acad. Sci.</i> , Vol. 87, pp. 2536-2540, (1990), Cell Biology, USA				
V	A8	LOW, et al., "Thymic Hormones and Peptides," <i>Methods in Enzymology</i> , Vol. 116, pp. 248-255, (1985), Academic Press, USA				

Examiner Synth D. Cricke	Date Considered	4/7/06
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Substitute for form 1449B/PTQ Complete if Known Application Number INFORMATION DISCLOSURE 09/861,327 10/656,068 STATEMENT BY APPLICANT SEP . 2 0 2004 05/09/2001 First Named Inventor Robert J. LEVY et al. Date Submitted: August 27, 1645 /633 Group Art Unit (use as many sheets as necessary) المرومية الإرابية المرابعة على المرابعة **Examiner Name** Unassigned Sheet 2 of 3 Attomey Docket Number 047172-0170

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	7
SDP	A9	NACHMIAS, et al., "Small actin-binding proteins: the β-thymosin family," <i>Cell Biology</i> , Vol. 5, pp. 56-62 (1993), Current Biology Ltd, USA	
1	A10	BRADKE, et al., "The Role of Local Actin Instability in Axon Formation," Science, Vol. 283, pp. 1931-1934 (1999), American Association for the Advancement of Science, USA	
	A11	COOPER, et al., "Effects of Cytochalasin and Phalloidin on Actin," <i>The Journal of Cell Biology</i> , Vol. 105, pp. 1473-1478, (1987) The Rockefeller University Press, USA	-
	A12	ORKIN, et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy," pp. 1-49 (1995), National Institute of Health, USA	
	A13	INDAR, et al., "Current concepts in immunotherapy for the treatment of colorectal cancer," J.R. Coll. Edinb., Vol. 47, pp. 458-474 (2002), The Royal College of Surgeons of Edinburgh, Great Britain	
	A14	DE KLEIJN, et al., "Biological therapy of colorectal cancer," European Journal of Cancer, Vol. 38, pp. 1016-1022 (2002), Pergamon Press, The Netherlands	
	A15	BEHR, et al., "Radioimmunotherapy of Small-Volume Disease of Metastatic Colorectal Cancer," Cancer, Vol. 94, Number 4, pp. 1373-1381 (2002), American Cancer Society, USA	
	A16	STEIN, et al., "Combining Radioimmunotherapy and Chemotherapy for Treatment of Medullary Thyroid Carcinoma," Cancer, Vol. 94, Number 1, pp. 51-61 (2002), American Cancer Society, USA	
	A17	BEHR, et al., "Improved Treatment of Medullary Thyroid Cancer in a Nude Mouse Model by Combined Radioimmunochemotherapy: Doxorubicin Potentiates the Therapeutic Efficacy of radiolabeled Antibodies in a Radioresistant Tumor Type," Cancer Research, Vol. 57, pp. 5309-5319 (1997), American Association for Cancer Research, USA	
	A18	STEIN, et al., "Carcinoembryonic Antigen as a Target for Radioimmunotherapy of Human Medullary Thyroid Carcinoma: Antibody Processing, Targeting, ad Experimental Therapy with ¹³¹ I and ⁹⁰ Y Labeled Mabs," Cancer Biotherapy & Radiopharmaceuticals, Vol. 14, Number 1, pp. 37-47 (1999), Mary Ann Liebert, Inc., USA	
	A19	KINUYA, et al., "Efficacy, toxicity and mode of interaction of combination radioimmunotherapy with 5-fluorouracil in colon cancer xenografts," <i>J Cancer Res Clin Oncol</i> , Vol. 125, pp. 630-636 (1999), Springer-Verlag, Germany	
	A20	JUWEID, et al., "Phase I/II Trial of 131I-MN-14 (F(ab) ₂ Anti-Carcinoembryonic Antigen Monoclonal Antibody in the Treatment of Patients with Metastatic Medullary Thyroid Carcinoma," <i>American Cancer Society</i> , Vol. 85, pp. 1828-1842, (1999)	
V	A21	JUWEID, et al., "Prospects of Radioimmunotherapy in Epithelial Ovarian Cancer: Results with Iodine-131- Labeled Murine and Humanized MN-14 Anti-carcinoembryonic Antigen Monocional Antibodies ¹ ," <i>Gynecologic Oncology</i> , Vol. 67, pp. 259-271 (1997) Article No. G0974870, Academic Press, USA	

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INFORMATION DISCLOSURE				• • • • • • • • • • • • • • • • • • • •	Application Number	097851,327 /0/656,068	
	STATEMENT	BY APPLI			学ling Date Pist Named Inventor	05/09/2001	
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SDP	A22	SPILLER, et al., "Improving the Intracellular Delivery and Molecular Efficacy of Antisense Oligonucleotides in Chronic Myeloid Leukemia Cells: A Comparison of Streptolysin-O Permeabilization, Electroporation, and Lipophilic Conjugation," <i>Blood</i> , Vol. 91, No. 12, pp. 4738-4746 (1996), The American Society of Hematology, USA	
1	A23	MUHLRAD, et al., "Dynamic Properties of Actin," The Journal of Biological Chemistry, Vol. 269, No. 16, pp. 11852-11858 (1994), The Journal of Biological Chemistry, USA	
V	A24	WANG, et al., "Cellular Factors Mediate Cadmium-Dependent Actin Depolymerization," <i>Toxicology and Applied Pharmacology</i> , Vol. 139, pp. 115-121 (1996), Academic Press, Canada	
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